



Tower Oil & Technology Co.

TOWERKEM 574

TOWERKEM 574 is a high lubricity synthetic coolant designed for machining and grinding operations on ferrous and nonferrous metals. Surface finishes of 8 rms can be achieved in grinding. The lubricity package in **TOWERKEM 574** is especially suited for machining and grinding of aluminum alloys. **TOWERKEM 574** is formulated to provide extended sump life, to reject tramp oil efficiently, and have low carry-off to reduce usage. **TOWERKEM 574** has excellent corrosion protection for reactive metal surfaces such as; aluminum, magnesium, zinc, and yellow metals. It will also protect machine tool surfaces, and steel and cast iron parts from rusting. Also available without green dye as **TOWERKEM 574-ND**.

USAGE

TOWERKEM 574 is effective for numerous operations, including boring, drilling, milling, reaming, sawing, tapping, threading, and grinding. Starting water dilutions for machining operations are 10:1 to 20:1. Grinding operations should begin at starting dilutions of 20:1 with water.

BENEFITS

- **Does NOT Contain Mineral Oil, Chlorine, Sulfur, Phenols, or Heavy Metals**
- **Forms a Stable Solution Without Leaving Tacky Residues**
- **Rejects Tramp Oil Efficiently**
- **Provides Excellent In-Process Corrosion Protection**
- **Has Excellent Resistance to Growth of Bacteria & Fungi**
- **High Lubricity Provides Good Tool Life and Finish**
- **Low Carry-off Reduces Usage**
- **Has Outstanding Machine Operator Acceptance**

TECHNICAL SUPPORT

TOWER wants to assist you in evaluation and selection of suitable products. We urge you to take advantage of this service. This information sheet and **TOWER's** assistance, however, are not a substitute for your own testing and evaluation. 07193